II. CLAIM AMENDMENTS

1.   (Previously Presented) A method for setting audio parameters controlling processing in a digital signal processor of a mobile communication device comprising the steps of:

connecting at least one auxiliary device, having audio parameters, to the mobile communication device,

loading at least some of the audio parameters from the auxiliary device into the digital signal processor during operation of the mobile communication device;

conducting two way communication of digital data between the auxiliary device and said mobile communication device by means of operating a microcontroller in said auxiliary device to conduct said two way communication.

2.   (Original) The method according to claim 1, wherein the audio parameters are loaded from the auxiliary device (11) via the auxiliary device connection (10).

3.   (Currently Amended) The method according to claim 1, wherein the audio parameters are loaded at the stage when the auxiliary device ~~(11)~~ is connected to or detached from the <u>mobile communication device</u> ~~electronic device (1)~~ or when the auxiliary device changes its audio mode.

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4.   (Currently Amended) The method according to claim 3, wherein the electronic device (1) comprises further a detection line (23) and a connection bus (12), and that the connection of the auxiliary device (11) is detected on the basis of a change in the voltage of the detection line (23) or on the basis of messages transferred via the connection bus (12) between the ~~mobile communication device~~ <u>electronic device (1)</u> and the auxiliary device ~~(11)~~.

5. . (Previously Presented) A mobile communication device comprising:

   a digital signal processor for processing audio signals;

   means for storing audio parameters controlling the processing of audio signals in the digital signal processor, and

   an auxiliary device connection for connecting an auxiliary device having audio parameters with the mobile communication device;

   a microcontroller in said auxiliary device; and

   wherein the mobile communication device further comprises communication means for communicating with said microcontroller for loading the audio parameters from the auxiliary device into the means for storing the audio parameters , said communicating being conducted by two way communication of digital data between said

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microcontroller of the auxiliary device and said
mobile communication device.

6.   (Currently Amended) The device according to claim 5,
further comprising a detection line (23) and a connection
bus (12) and means (2, 24) for detecting the connection of
the auxiliary device (11) into the auxiliary device
connection (10) either on the basis of a change in the
voltage of the detection line (23) or on the basis of the
messages transferred via a detection bus (12) between the
mobile communication device electronic device (1) and the
auxiliary device (11).

7.   (Original) The device according to claim 5, further
comprising a transmitter/receiver unit (6) of a mobile
station.

8.   (Cancelled)

9.   (Original) The device according to claim 8, wherein
the auxiliary device (11) comprises an auxiliary
loudspeaker (26) and an auxiliary microphone (27).

10.   (Original) The method according to claim 1, wherein
said audio parameters are other than data used to recognize
the type of auxiliary device.

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11. (Original) The method according to claim 1, wherein all of said audio parameters are loaded into the digital signal processor from the auxiliary device.

12. (Original) The device according to claim 5, wherein said audio parameters are other than data used to recognize the type of auxiliary device.

13. (Original) The device according to claim 5, wherein all of said audio parameters are loaded into the digital signal processor from the auxiliary device.

14-30 (Cancelled)

31. (New) Auxiliary device for connection to a mobile communication device comprising:

a microcontroller;

a memory, operatively associated with the microcontroller, for storing audio parameters associated with the operation of the auxiliary device for controlling the processing of audio signals in a digital signal processor of the mobile communication device;

a connection for connecting the auxiliary device with the mobile communication device; and

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means within said microcontroller for sending the audio parameters from the auxiliary device to the mobile communication device by two way communication of digital data with the mobile communication device,

32. (New) Program product for storing a software program comprising machine executable code for setting audio parameters of an auxiliary device for a mobile communication device in a digital signal processor of a the mobile communication device comprising;

computer readable program code means for establishing a connection between a microcontroller of the auxiliary device and the digital signal processor for two way communication;

computer readable program code means for querying the microcontroller for audio parameters stored therein; and

computer readable program code means for setting audio parameters of the digital signal processor including computer readable program code means for loading at least some of the audio parameters from the auxiliary device into the digital signal processor during operation of the mobile communication device.

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